

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE CITATION <small>(Use Several Sheets if Necessary)</small>		ATTY. DOCKET NO.	SERIAL NO.				
		ACS 45134	09/439,692				
		APPLICANT	RICHARD A. STACK et al.				
		FILING DATE	GROUP				
		11/15/99	3735				
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPLICABLE	
<i>DJF</i>	3,435,826	04/01/69	T. J. Fogarty				
	3,467,101	09/16/69	T. J. Fogarty et al.				
	3,467,102	09/16/69	T. J. Fogarty et al.				
<i>Ugo</i>	3,540,431	11/17/70	Kazi Mobin-Uddin				
	3,635,223	01/18/72	Klieman				
	3,896,815	07/29/75	Fettel et al.				
	3,923,065	12/02/75	Nozick et al.				
<i>DJF</i>	3,978,863	09/07/76	Fettel et al.				
FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
						YES	NO
<i>DJF</i>	WO 97/17100	15 May 1997	PCT				
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
EXAMINER	<i>D. Jason Davis</i>		DATE CONSIDERED	<i>5/20/03</i>			
EXAMINER Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication with applicant.							

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DJD	3,996,938	12/14/76	Clark, III			
	4,030,503	06/21/77	Clark, III			
	4,494,531	01/22/85	Gianturco			
	4,561,439	12/31/85	Bishop et al.			
	4,594,996	06/17/86	Ibrahim et al.			
	4,597,389	07/01/86	Ibrahim et al.			
	4,646,736	03/03/87	Auth			
MJD	4,762,130	08/09/88	Fogarty et al.			
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION
						YES
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)						
EXAMINER	<i>D. Joseph Davis</i>		DATE CONSIDERED	<i>5/20/03</i>		
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<i>DJD</i>	4,790,812	12/13/88	Hawkins, Jr. et al.			
	4,873,978	10/17/89	Ginsburg			
	4,969,891	11/13/90	Gewertz			
	5,011,488	04/30/91	Ginsburg			
	5,053,008	10/01/91	Bajaj			
	5,092,839	03/03/92	Kipperman			
<i>OJO</i>	5,108,419	04/28/92	Reger et al.			
	5,112,347	05/12/92	Taheri			
FOREIGN PATENT DOCUMENTS						
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						YES
						NO
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EXAMINER	<i>D. Jacobsen</i>		DATE CONSIDERED	<i>5/20/03</i>		
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WJD	5,152,777	10/06/92	Goldberg et al.			
	5,158,548	10/27/92	Lau et al.			
	5,160,342	11/03/92	Reger et al.			
	5,192,286	03/09/93	Phan et al.			
	5,192,290	03/09/93	Hilal			
	5,242,399	09/07/93	Lau et al.			
	5,300,086	04/05/94	Gory et al.			
WJD	5,329,942	07/19/94	Gunther et al.			

FOREIGN PATENT DOCUMENTS

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						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

Diane Davis

DATE CONSIDERED

5/20/63

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<i>DJ</i>	5,344,426	09/06/94	Lau et al.			
	5,370,609	12/06/94	Drasler et al.			
	5,370,657	12/06/94	Irie			
	5,376,100	12/27/94	Lefebvre			
	5,383,887	01/24/95	Nadal			
	5,411,509	05/02/95	Hilal			
	5,415,630	05/16/95	Gory et al.			
<i>WJD</i>	5,484,424	01/16/96	Cottenceau et al.			

FOREIGN PATENT DOCUMENTS

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						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

Douglas Davies

DATE CONSIDERED

5/20/03

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPLICABLE
<i>[initial]</i>	5,507,768	04/16/96	Lau et al.			
<i>[initial]</i>	5,540,707	07/30/96	Ressemann et al.			
	5,549,626	08/27/96	Miller et al.			
	5,601,595	02/11/97	Smith			
	5,626,605	05/06/97	Irie et al.			
	5,662,671	09/02/97	Barbut et al.			
	5,681,347	10/28/97	Cathcart et al.			
<i>[initial]</i>	5,695,507	12/09/97	Auth et al.			
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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPLICABLE
<i>Woj</i>	5,695,518	12/09/97	Laerum			
<i>Woj</i>	5,695,519	12/09/97	Summers et al.			
<i>Woj</i>	5,702,413	12/30/97	Lafontaine			
<i>Woj</i>	5,769,816	06/23/98	Barbut et al.			

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						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

D. Jacobs-Darek

DATE CONSIDERED

5/20/03

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